



## Features

- ✓ Intel® Celeron N2930 Quad Core fanless processors
- ✓ Dual Channel DDR3L 1333/1066Mhz up to 8GB
- ✓ Quad Gigabit Intel LAN, 1 x pair LAN Bypass
- ✓ 1 x Mini PCIe, 1 x mSATA, 1 x PCIe, 1 x SIM card holder
- ✓ 1 x External COM(RS232), 1 x Internal COM (RS232)
- ✓ 1 x internal VGA display
- ✓ Optional TPM 2.0 support



intel. FC CE RoHS COMPLIANT

## Specification

Processor System	CPU	Intel® Bay Trail N2930 Quad Core 2.16Ghz SoC Fanless Processor
	BIOS	AMI Flash ROM
Memory	Technology	Dual channel DDR3L 1333/1066Mhz SDRAM, max support 8GB
Storage	SATA	2 x SATA II Device (1 share with mSATA)
	mSATA	1
Network	LAN	4 x Intel i211AT Gbe LAN (1 pair support LAN Bypass)
Graphics	Controller	Intel® HD Graphics, shared memory
Expansion	Expansion	1 x Mini-PCIe (full size)
		1 x mSATA (shared with SATA2)
		1 x PCIe (vertical or at side option)
		1 x SIM
Rear Panel I/O	USB 3.2	x 2 ( 1*USB3.0, 1*USB2.0)
	J45	x 4
	VGA	x 1
	COM	x 1
	DC in put	x 1
Front Panel I/O	Power Switch	x 1
	USB 2.0	x 2 Type A (optional)
Internal I/O	Connectors/headers	4 x USB 2.0, 1 x PS/2, 1 x Chassis intrusion
Environment	Operating temperature	0°C to 60°C (32 F to 140 F)
	Storage temperature	-20°C to 85°C (-4 F to 185 F)
Watchdog Timer	Output Interval	From Super I/O to drag RESETCON## 256 segments, 0, 1,2 ....255 sec/min
	Interval	
Dimension	Hardware	215(W) x 205(D) x 45(H) mm
Power	Input Power	DC 12V, AT/ATX supported